<u>Via E-Mail</u> <u>RETURN RECEIPT REQUESTED</u>

November 10, 2016

Ms. Beverley Carver Department of Environmental Quality Valley Regional Office 4411 Early Road Harrisonburg, VA 22801

RE: Dominion Bremo Power Station VA0004138
Weekly Discharge Monitoring and Site Activity Report

Ms. Carver:

Dominion is submitting this letter in accordance with Part I.A.9.h. of the subject permit. Information related to discharge sampling activities for Outfall 504 conducted during the week of October 30 – November 5, 2016 is included on the enclosed Weekly Compliance Sampling Summary. There was no discharge from Outfalls 501, 502, 503, 504, or 505 during this period. In addition to the Weekly Compliance Sampling Summary this submission includes a status report summarizing the activities related to the CCR Surface Impoundment Closure Project and the Monthly Enhanced Metals Treatment Log.

If you have any questions or need additional information, please contact Taylor Engen at 434-842-4104.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,

William Reed

Director, Power Generation Station II

WEEKLY COMPLIANCE SAMPLING SUMMARY

10/30/16 - 11/05/16 November 11, 2016

Sample Week: Report Due Date:

Bremo Power Station VA0004138 504 Permit Number: Outfall Number: Facility Name:

Analytical Report Date NA Permit QL Limitation Limitation Result Result Result Result Limitation Result Re			51.240	Sample Date	AN	NA	NA
Parameter Units Permit QL Maximum QL Result Limitation imated Flow NGD - - 0.000 isal Suspended Solids NGD - - 0.000 isal Suspended Solids mg/L 1.0 100.0 ND isal Suspended Solids mg/L 5.0 20.0 ND isal Suspended Solids mg/L 5.0 20.0 ND itimony, Total Recoverable ug/L 5.0 22.0 ND icomium VI, Total Recoverable ug/L 5.0 23 ND icomium, Total Recoverable ug/L 5.0 2.8 ND icomium, Total Recoverable ug/L 5.0 2.8 ND icomium, Total Recoverable ug/L 5.0 1.4 ND			Analytical	Report Date	NA	AN	NA
imated Flow MGD - - 0.000 cal Suspended Solids S.U. NA 9.0 ND Regrease mg/L 1.0 100.0 ND kimony, Total Recoverable ug/L 5.0 22.00 ND senic, Total Recoverable ug/L 5.0 22.00 ND demium, Total Recoverable ug/L 5.0 22.0 ND pper, Total Recoverable ug/L 5.0 3.2 ND romium VI, Total Recoverable ug/L 5.0 3.2 ND pper, Total Recoverable ug/L 5.0 3.2 ND skel, Total Recoverable ug/L 5.0 3.5 ND enium, Total Recoverable ug/L 5.0 5.0 ND ver, Total Recoverable ug/L 5.0 1.4 ND c, Total Recoverable ug/L 2.5 210 ND c, Total Recoverable ug/L 2.5 210 ND c, Total Recoverable	Parameter	Units	Permit QL	Daily Maximum Limitation	Result	Result	Result
Eal Suspended Solids S.U. NA 9.0 ND & Grease mg/L 1.0 100.0 ND timony, Total Recoverable ug/L 5.0 2,100 ND senic, Total Recoverable ug/L 5.0 520 ND dmium, Total Recoverable ug/L 5.0 3.2 ND romium II, Total Recoverable ug/L 5.0 3.2 ND pper, Total Recoverable ug/L 5.0 3.2 ND rcury, Total Recoverable ug/L 5.0 3.5 ND skel, Total Recoverable ug/L 5.0 3.5 ND enium, Total Recoverable ug/L 5.0 1.4 ND ver, Total Recoverable ug/L 5.0 1.4 ND ver, Total Recoverable ug/L 5.0 1.4 ND c, Total Recoverable ug/L 2.5 ND c, Total Recoverable ug/L 2.5 ND c, Total Recoverable ug/L 2	Estimated Flow	MGD	ì	•	0.000	0.000	0.000
pended Solids mg/L 1.0 100.0 ND ase mg/L 5.0 20.0 ND 'Total Recoverable ug/L 5.0 2,100 ND 'Total Recoverable ug/L 5.0 220 ND n VI, Total Recoverable ug/L 5.0 23 ND otal Recoverable ug/L 5.0 23 ND otal Recoverable ug/L 5.0 35 ND otal Recoverable ug/L 5.0 35 ND otal Recoverable ug/L 5.0 18 ND tal Recoverable ug/L 5.0 14 ND tal Recoverable ug/L 5.0 1.4 ND tal Recoverable ug/L 2.5 1.4 ND in Recoverable ug/L 2.5 2.10 ND in Recoverable ug/L 2.5 2.10 ND mg/L 0.20 1.4 ND n/L	рН	S.U.	NA	9.0	ND	ND	ND
ase mg/L 5.0 20.0 ND ', Total Recoverable otal Re	Total Suspended Solids	mg/L	1.0	100.0	ND	ND	ND
, Total Recoverable otal Recoverable otal Recoverable ug/L 10 2,100 ND otal Recoverable otal Recoverable otal Recoverable otal Recoverable otal Recoverable ug/L 1.0 3.2 ND otal Recoverable otal Recoverable otal Recoverable otal Recoverable ug/L 5.0 23 ND Total Recoverable ug/L 5.0 35 ND otal Recoverable ug/L 5.0 5.0 ND Atal Recoverable ug/L 5.0 5.0 ND Atal Recoverable ug/L 5.0 1.4 ND Intercoverable ug/L 1.0 1.4 ND Intercoverable ug/L 25 210 ND Intercoverable ug/L 25 210 ND Intercoverable ug/L 1.0 1.4 ND <th>Oil & Grease</th> <th>mg/L</th> <th>2.0</th> <th>20.0</th> <th>ND</th> <th>ND</th> <th>ND</th>	Oil & Grease	mg/L	2.0	20.0	ND	ND	ND
otal Recoverable ug/L 5.0 530 ND A III, Total Recoverable ug/L 5.0 3.2 ND n VI, Total Recoverable ug/L 5.0 34 ND otal Recoverable ug/L 5.0 35 ND al Recoverable ug/L 5.0 35 ND otal Recoverable ug/L 5.0 57 ND otal Recoverable ug/L 5.0 18 ND tal Recoverable ug/L 5.0 1.4 ND tal Recoverable ug/L 5.0 1.4 ND In Recoverable ug/L 2.5 1.4 ND In Recoverable ug/L 2.5 210 ND In Recoverable ug/L 2.5 210 ND In Recoverable ug/L 2.5 210 ND In Recoverable ug/L 1.0 1.4 ND In Recoverable mg/L 1.0 1.4 ND <	Antimony, Total Recoverable	ng/L	5.0	2,100	ND	ND	ND
v, Total Recoverable ug/L 1.0 3.2 ND n II, Total Recoverable ug/L 5.0 220 ND n VI, Total Recoverable ug/L 5.0 34 ND otal Recoverable ug/L 5.0 35 ND al Recoverable ug/L 5.0 57 ND vtal Recoverable ug/L 5.0 18 ND tal Recoverable ug/L 5.0 1.4 ND tal Recoverable ug/L 5.0 1.4 ND Total Recoverable ug/L 5.0 1.4 ND In Recoverable ug/L 2.5 ND In Recoverable ug/L 1.0 820 ND In Recoverable mg/L 10 820 ND In Recoverable mg/L NA NL ND	Arsenic, Total Recoverable	ng/L	5.0	530	ND	ND	ND
n III, Total Recoverable ug/L 5.0 34 ND otal Recoverable ug/L 5.0 34 ND otal Recoverable ug/L 5.0 23 ND I otal Recoverable ug/L 5.0 57 ND tal Recoverable ug/L 5.0 57 ND tal Recoverable ug/L 5.0 1.8 ND tal Recoverable ug/L 5.0 1.4 ND Total Recoverable ug/L 2.5 1.4 ND I Recoverable ug/L 2.5 210 ND mg/L 0.20 1.4 ND mg/L 0.20 14 ND mg/L NA NL ND	Cadmium, Total Recoverable	ng/L	1.0	3.2	ND	N	ND
n VI, Total Recoverable ug/L 5.0 34 ND otal Recoverable ug/L 5.0 35 ND al Recoverable ug/L 5.0 5.8 ND tal Recoverable ug/L 5.0 18 ND tal Recoverable ug/L 0.4 5.0 ND tal Recoverable ug/L 0.4 5.0 ND Total Recoverable ug/L 1.0 1.4 ND I Recoverable ug/L 25 210 ND mg/L 0.20 1.4 ND mg/L 0.20 14 ND ng/L NA NL ND	Chromium III, Total Recoverable	ng/L	5.0	220	ND	N	ND
otal Recoverable ug/L 5.0 23 ND al Recoverable ug/L 5.0 35 ND Total Recoverable ug/L 5.0 57 ND tal Recoverable ug/L 5.0 18 ND tal Recoverable ug/L 0.4 5.0 ND Total Recoverable ug/L 1.0 1.4 ND Il Recoverable ug/L 25 210 ND Il Recoverable ug/L 25 210 ND Il Recoverable mg/L 10 820 ND Il Recoverable mg/L 10 820 ND Il Recoverable mg/L 10 820 ND Il Recoverable mg/L NA NL ND	Chromium VI, Total Recoverable	ng/L	5.0	34	ND	ND	ND
al Recoverable ug/L 5.0 35 ND Total Recoverable ug/L 5.0 57 ND tal Recoverable ug/L 5.0 18 ND tal Recoverable ug/L 0.4 5.0 ND Total Recoverable ug/L 1.0 1.4 ND I Recoverable ug/L 25 210 ND II Recoverable ug/L 25 210 ND mg/L ng/L 0.20 14 ND mg/L NA NL ND	Copper, Total Recoverable	ng/L	5.0	23	ND	ND	ND
Total Recoverable ug/L 5.0 5.8 ND vtal Recoverable ug/L 5.0 57 ND Total Recoverable ug/L 0.4 5.0 ND Total Recoverable ug/L 1.0 1.4 ND Il Recoverable ug/L 25 210 ND Il Recoverable ug/L 25 210 ND mg/L ng/L 0.20 14 ND mg/L NA NL ND	Lead, Total Recoverable	T/bn	5.0	35	ND	ND	ND
tal Recoverable ug/L 5.0 57 ND A Total Recoverable ug/L 5.0 18 ND tal Recoverable ug/L 1.0 1.4 ND I Recoverable ug/L 25 210 ND II Recoverable mg/L 10 820 ND II Recoverable mg/L 10 820 ND III Recoverable mg/L 10 820 ND III Recoverable mg/L 10 820 ND III Recoverable mg/L 10 820 ND	Mercury, Total Recoverable	ng/L	0.1	2.8	ND	ND	ND
tal Recoverable ug/L 5.0 18 ND tal Recoverable ug/L 0.4 5.0 ND Total Recoverable ug/L 25 210 ND il Recoverable ug/L 25 210 ND mg/L ng/L 0.20 14 ND ng/L NA NL ND	Nickel, Total Recoverable	ng/L	2.0	57	ND	ND	ND
tal Recoverable ug/L 0.4 5.0 ND Total Recoverable ug/L 1.0 1.4 ND Il Recoverable ug/L 25 210 ND mg/L 10 820 ND ng/L 0.20 14 ND mg/L NA NL ND	Selenium, Total Recoverable	ng/L	5.0	18	ND	QN	ND
Total Recoverable ug/L 1.0 1.4 ND I Recoverable ug/L 25 210 ND mg/L 10 820 ND N mg/L 0.20 14 ND mg/L NA NL ND	Silver, Total Recoverable	ng/L	0.4	5.0	ND	ND	ND
IRecoverable ug/L 25 210 ND mg/L 10 820 ND -N mg/L 0.20 14 ND mg/L NA NL ND	Thallium, Total Recoverable	ng/L	1.0	1.4	ND	ND	ND
-N mg/L 10 820 ND mg/L 0.20 14 ND mg/L NA NL ND	Zinc, Total Recoverable	ng/L	25	210	ND	ND	ND
-N mg/L 0.20 14 ND mg/L NA NL ND	Chloride	mg/L	10	820	ND	ND	ND
mg/L NA NL ND	Ammonia-N	mg/L	0.20	14	ND	ND	ND
	Hardness	mg/L	NA	NL	ND	ND	ND

Notes:

pH values must remain between a minimum of 6 S.U. and a maximum of 9 S.U. pH values are measured in the field.

Analytical results below the permit Quantification Level (QL) are to be reported as "<QL," as required in Section I.C.2 of the Permit

QL = Quantification Level
NA = Not Applicable
NL = No Limitation, monitoring required
ND = No Discharge during monitoring period

Dominion - Bremo Power Station

CCR Impoundment Closure Project

Weekly Status Report

Activities for the Week Ending: 11/5/2016

- No water from the Centralized Source Water Treatment System (CSWTS)-treated water was discharged via Outfall 002.
- 1.86 MG of water from the Stormwater Management Pond was discharged via Outfall 002.
- Submitted revised Concept Engineering Report (CER) for the West Treatment Pond to DEQ under cover letter dated November 3, 2016.

Ongoing Activities

- Continued installation of groundwater monitoring wells at the North Pond.
- Transport of material from the West Pond to the North Pond.
- Installation of wellpoints and headers in the North Pond.
- Pumping of water (filtered) from the Stormwater Management Pond to Outfall 002.
- Discharge of CSWTS-treated water to Outfall 002.
- Confirmation of no discharge at Outfall 004.

Look Ahead

• Obtain DEQ approval of West Treatment Pond CER. (Approval letter dated November 7, 2016).

Date		Enhanced	Bremo Power Station Metals Treatment Log - October 2016
	ON (Time)	OFF (Time)	Reason(s) for Enhanced Treatment Activation
1-Oct	Х		Arsenic trigger value reached. EMT Turned on at 2247 9/30/2016 thru 10/1/2016.
2-Oct		X (05:04)	EMT OFF because three consecutive clean S1 process samples where all parameters were below trigger limits.
3-Oct		Χ	
4-Oct		Χ	
5-Oct		Χ	
6-Oct		X	
7-Oct		Χ	
8-Oct		Χ	
9-Oct		Χ	
10-Oct		Χ	
11-Oct		Χ	
12-Oct		Χ	
13-Oct		Χ	
14-Oct		X	
15-Oct		Χ	
16-Oct		Χ	
17-Oct		X	
18-Oct		Χ	
19-Oct		X	
20-Oct		Χ	
21-Oct		Χ	
22-Oct		X	
23-Oct		Χ	
24-Oct		X	
25-Oct		X	
26-Oct	T .	X	
27-Oct		Χ	
28-Oct		X	
29-Oct		X	1
30-Oct		Χ	
31-Oct		Χ	

NOTES: 1) All On/Off times are approximate